AMENDMENTS TO THE CLAIMS

1. (Canceled).

2. (Canceled).

3. (Currently Amended) The camera signal processor according to either one of claims 1 and 2, characterized in that the image enlarging means comprises A camera signal processor characterized by comprising:

motion detection means for dividing an image picked up by imaging means into a plurality of motion detection areas, and detecting the motion pattern of the image for each of the motion detection areas;

extracting means for extracting, on the basis of the motion pattern of the image for each of the motion detection areas which has been detected by the motion detection means, the motion detection area where an object making abnormal motion exists; and

image enlarging means for enlarging the image picked up by the imaging means, centered on the motion detection area where an object making abnormal motion exists which has been extracted by the extracting means and displaying the enlarged image on a display device, said image enlarging means comprising group forming means for grouping, out of the motion detection areas where an object making abnormal motion exists which have been extracted by the extracting means, the areas where an object making abnormal motion exists such that the areas connected to each other form one group[:]; center-of-gravity detecting means for

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extracting, out of groups formed by the group forming means, the group having the largest area, and finding the center of gravity of the extracted group[.]; and scaling-up means for scaling up the image picked up by the imaging means, centered on the center of gravity found by the center-of-gravity detecting means, and displaying the scaled-up image on a display device.

4. (Canceled).

5. (Canceled).

6. (Currently Amended) The ~~camera signal processing method according to either one of claims 4 and 5, characterized in that the third step comprises~~ A camera signal processing method characterized by comprising:

the first step of dividing an image picked up by imaging means into a plurality of motion detection areas, and detecting the motion pattern of the image for each of the motion detection areas;

the second step of extracting, on the basis of the motion pattern of the image for each of the motion detection areas which has been detected at the first step, the motion detection area where an object making abnormal motion exists; and

the third step of enlarging the image picked up by the imaging means, centered on the motion detection area where an object making abnormal motion exists which has been extracted at the second step and displaying the enlarged image on a display device, said third step comprising the fourth step of grouping, out of the motion detection areas where an object making abnormal motion exists which have been extracted at the second step, the areas where an object

making abnormal motion exists such that the areas connected to each other form one group[:];
the fifth step of extracting, out of groups formed at the fourth step, the group having the largest
area, and finding the center of gravity of the extracted group[s]; and the sixth step of scaling up
the image picked up by the imaging means, centered on the center of gravity found at the fifth
step, and displaying the scaled-up image on a display device.

7. (New) A camera signal processor characterized by comprising:

motion detection means for dividing an image picked up by imaging means into a
plurality of motion detection areas, and detecting the motion pattern of the image for each of the
motion detection areas;

extracting means for extracting, on the basis of the motion pattern of the image for each
of the motion detection areas which has been detected by the motion detection means, the motion
detection area where an object making abnormal motion exists; and

image enlarging means for enlarging the image picked up by the imaging means, centered
on the motion detection area where an object making abnormal motion exists which has been
extracted by the extracting means and displaying the enlarged image on a display device, said
image enlarging means comprising group forming means for grouping, out of the motion
detection areas where an object making abnormal motion exists which have been extracted by
the extracting means, the areas where an object making abnormal motion exists such that the
areas connected to each other form one group; center-of-gravity detecting means for extracting,
out of groups formed by the group forming means, the group having the largest area, and finding
the center of gravity of the extracted group; and scaling-up means for scaling up the image

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picked up by the imaging means, centered on the center of gravity found by the center-of-gravity detecting means, and displaying the scaled-up image on a display device,

wherein the extracting means extracts, out of the motion detection areas, the motion detection area where the motion pattern of the image which has been detected by the motion detection means coincides with an abnormal motion pattern previously set as the motion detection area where an object making abnormal motion exists.

8. (New) A camera signal processing method characterized by comprising:

the first step of dividing an image picked up by imaging means into a plurality of motion detection areas, and detecting the motion pattern of the image for each of the motion detection areas;

the second step of extracting, on the basis of the motion pattern of the image for each of the motion detection areas which has been detected at the first step, the motion detection area where an object making abnormal motion exists; and

the third step of enlarging the image picked up by the imaging means, centered on the motion detection area where an object making abnormal motion exists which has been extracted at the second step and displaying the enlarged image on a display device, said third step comprising the fourth step of grouping, out of the motion detection areas where an object making abnormal motion exists which have been extracted at the second step, the areas where an object making abnormal motion exists such that the areas connected to each other form one group; the fifth step of extracting, out of groups formed at the fourth step, the group having the largest area, and finding the center of gravity of the extracted group; and the sixth step of scaling up the

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image picked up by the imaging means, centered on the center of gravity found at the fifth step, and displaying the scaled-up image on a display device,

wherein the second step comprises the step of extracting, out of the motion detection areas, the motion detection area where the motion pattern of the image which has been detected at the first step coincides with an abnormal motion pattern previously set as the motion detection area where an object making abnormal motion exists.

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